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Sub-specification

Approved for Entry

6/24/2008

DESCRIPTION

BS

ELECTROMECHANICAL FILTER

Technical Field

[0001]

The present invention relates to an electromechanical filter including a microvibrator as a resonator, a mechanism for exciting the microvibrator, and a quantum device for sensing a signal.

Background Art

[0002]

With the spread of the information communication equipment such as the radio terminal, or the like, a frequency used in the communication is spreading increasingly over the broad band from several hundreds MHz for the cellular phone, or the like to several GHz for the wireless LAN, or the like. In the existing circumstances, the terminals corresponding to various communication systems respectively are used independently. In the future, the implementation of the radio terminal that is able to conform to various communication systems solely is expected.

[0003]

Also, in the wake of downsizing of the radio terminal, a miniaturization of passive parts such as the filter, and the like built in the case of the radio terminal is requested. Nowadays there exists the problem that a miniaturization of the filter is difficult, particularly a miniaturization of the filter